Index of Claims

Applica	ation/Co	ntrol No.
----------------	----------	-----------

10/044,185 Examiner

Jason E. Mattis

Applicant(s)/Patent under Reexamination

KRAMER ET AL.

Art Unit

2616

√	Rejected
=	Allowed

_	(Through numeral) Cancelled									
÷	Restricted									

Z	Non-Elected
_	Interference

A	Appeal
0	Objected

	laim	Date				Date Claim Date										Claim Date										_						
1 √ 101 102 101 102 102 103 103 103 103 103 103 103 103 103 103 104 103 104 103 104 104 104 104 104 104 104 104 104 105 105 106 107 106 107 106 107 107 108 108 108 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109		_			ī		Ť			\dashv					Π	ΤĪ		. 1	T	Т	_			_						\neg		Г
102	Original	2/5/07									Final	Original										Final	Original									
102	+ 4 +	- 1	Н	\dashv		<u> </u>		-	\vdash	-		51	-	-	├	Н	_	\dashv	\dashv	\dashv	_	-	101							\dashv		-
3			Н	\dashv		-		Н	\vdash	-	-		-	\vdash				-+	\dashv		-	-			-		-		\dashv	\dashv	-	H
1			Н		-	-	-	\vdash	\vdash	\dashv	-		-	\vdash		-	_	\dashv	\dashv		\dashv			\vdash	\vdash	-				\dashv		\vdash
55 1			Н			\vdash	-	-	\vdash	\dashv	\vdash		-	-	├─	Н		+	-					_	Н				\vdash	\dashv	\dashv	
66			Н	\dashv		-		\vdash	╌┤					\vdash	┝	\vdash	1	-	\dashv	+				_	H	_		_	\vdash	\dashv		H
107 108 109 109 109 109 109 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100			Н	\dashv		├		\vdash	-				\vdash		├	Н	\dashv	\dashv	\dashv	+	\dashv						-			\dashv	_	\vdash
S		'	Н	\dashv			<u> </u>	H	╌┤	\dashv			\vdash	\vdash	-	Н		-+	\dashv	+	-	-			-			_	\dashv	-		┢╌
9			\vdash			 	-	H	Н	\dashv			\vdash	_	\vdash	Н	\dashv	-+	-+	+	\dashv	-		_	Н	-			\dashv	\dashv	\dashv	\vdash
10			Н		-	\vdash		\vdash	Н	\dashv			-		⊢	\vdash		+	-	-+	-				H				-	\dashv	-	\vdash
111	10	'	Н	_	-	\vdash	-	Н	\vdash	\dashv			-	-	⊢		-	+	\dashv	-	\dashv				 	-			\dashv	\dashv	\dashv	\vdash
12 V			\vdash				\vdash	Н	\vdash		-				-	H	\dashv	-	-		\dashv				\vdash	-			\vdash	\dashv	-	<u></u>
13 V			\vdash	-			1	H	\vdash				\vdash		-		\dashv	\dashv	\dashv	\dashv	\dashv				\vdash	-	\vdash	Н	\vdash	\dashv		Н
14 \(\sqrt{1} \)		./	\vdash		\vdash	-	\vdash	Н	\vdash	\dashv			-	H	\vdash	\vdash	\dashv	\dashv	-		-			-		-	\vdash	\neg		\dashv	\dashv	Г
15			\vdash		\vdash		\vdash	\vdash	\vdash	\dashv	-		<u> </u>			\vdash	\vdash	\dashv	\dashv	+	\dashv	-	114	-	\vdash				\vdash	\dashv	_	<u> </u>
16 \(\)	15	./	Н				-		-	\dashv			\vdash			-		\dashv	\dashv	+	-	-		-	H			-		\dashv	_	
17			Н			-	┢	-	\vdash	\dashv			_		-	\vdash		+	\dashv	+	_				1				-	\dashv	_	\vdash
18			Н				┢	Н	Н	\dashv				-	-		\dashv	+	\dashv	\dashv	\dashv			-	1					\dashv	-	_
19 √	18	7	H	\dashv		-	-	\vdash	Н		-		\vdash	_	┝	-		+	\dashv	\dashv	\dashv				\vdash					\dashv	_	_
120			Н	\dashv	-	-	-	-	H		_					-		\dashv	-	-	_			_	\vdash		-	-		-	-	H
21 22 71 72 121 122 123 123 123 123 124 124 124 124 124 124 124 125 125 125 125 125 125 126 127 127 127 127 127 127 127 128 128 128 128 129 129 129 129 129 130 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 </td <td></td> <td></td> <td>\vdash</td> <td>\dashv</td> <td>-</td> <td>\vdash</td> <td>-</td> <td>H</td> <td>H</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>\vdash</td> <td></td> <td>-</td> <td>\dashv</td> <td></td> <td></td> <td>٦.</td> <td></td> <td></td> <td>-</td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>_</td>			\vdash	\dashv	-	\vdash	-	H	H		-		-		\vdash		-	\dashv			٦.			-	\vdash					-	-	_
22 33 122 123 124 123 124 124 124 124 124 124 124 124 124 124 124 125 125 126 126 126 127 127 128 127 128 128 128 128 128 128 128 128 128 128 129 129 129 130 130 130 130 130 130 130 130 131 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133		V	Н				\vdash	Н	Н	-	-		\vdash		-	Н		\dashv	-	+	\dashv			-	\vdash	_		_		\dashv	-	H
23 123 123 124 124 124 124 124 125 125 125 125 125 125 125 125 125 125 125 126 126 126 127 127 127 127 128 129 129 129 129 129 130 130 130 130 130 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133			Н	\dashv	-		-	\vdash	\vdash	\dashv	-				┝	Н			\dashv	-	_				\vdash					\dashv	-	
24 124 25 126 26 76 27 127 28 77 29 128 30 80 31 81 32 82 33 131 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 44 97 46 96 46 96 48 98		-	Н			-	⊢	Н	\vdash	\dashv				-	\vdash	Н		\dashv	-		-			_	\vdash	_			\vdash	-		-
25 75 125 126 27 76 127 127 128 28 79 128 129 129 129 129 129 130 130 130 131 131 131 131 131 132 132 132 132 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 135 135 136 135 136 137 137 137 137 137 137 137 137 138 138 138 138 138 139 140 140 140 140 140 141 141 142 142 143 143 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 145 146 146		-	\vdash	-		\vdash	┝	Н	Н	\dashv	-		-		-		-	\dashv	\dashv	+	\dashv						-			\dashv	-	
26 76 126 127 28 78 128 129 30 80 130 129 31 81 131 131 32 82 132 132 33 84 85 133 35 85 135 135 36 86 136 137 38 88 138 138 39 89 139 140 40 90 140 141 41 91 141 142 43 93 142 143 43 94 144 144 45 96 146 146 47 98 148 148		-	\vdash			-	-	Н	Н	-	<u> </u>		-		\vdash	Н		-	\dashv	-		-		_	\vdash				\exists	\dashv	_	H
27 28 29 78 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 136 39 89 40 90 41 91 42 92 43 94 44 94 44 94 46 96 47 98			\vdash	\dashv	_	-	-	-	\vdash				\vdash		┝	\vdash	-	-	\dashv	-	-	_			H	-		_	\dashv	\dashv	_	\vdash
28 78 128 29 80 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 88 138 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 94 144 44 94 144 45 96 145 46 96 146 47 98 148			Н	-	_	<u> </u>	⊢	Н	\vdash	-				_	-		-	\dashv		\dashv	\dashv			—	\vdash	-		_	\vdash	\dashv	_	\vdash
29 79 30 130 31 81 32 131 33 82 83 132 33 134 35 85 36 86 37 88 39 88 39 90 40 91 41 92 43 94 44 94 45 96 46 96 47 98			Н	\dashv	_		⊢		Н	\dashv	-		\vdash	H	\vdash	Н	\vdash	+	-+		\dashv	-		_	H					\dashv	_	H
30 80 31 31 32 33 34 35 36 37 38 88 39 89 40 90 41 91 42 93 43 94 44 94 45 96 47 98			Н		-	H	-	Н	\vdash	\dashv	_		-		-			\dashv	\dashv	\dashv		-	120		Н			_		\dashv		
31 81 131 132 132 133 133 133 133 133 133 134 134 134 134 134 134 134 134 135 135 135 135 136 137 136 137 137 138 138 138 138 138 138 139 139 139 139 140 140 140 141 140 141 141 142 142 142 142 143 143 144 144 144 144 145 146 146 147 147 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148			Н		-		\vdash	\vdash	Н	\dashv					_	\vdash	-	+	\dashv	-	-	-		_	\vdash			_	-	\dashv		
32 82 132 133 33 84 133 133 35 85 135 135 36 86 136 137 38 87 137 137 38 88 138 139 40 90 140 141 41 91 141 141 42 92 144 141 43 93 143 143 44 94 144 144 45 96 146 147 47 98 98 148			Н	\dashv			⊢	-	\vdash	\dashv				-		\vdash		+	-+		\dashv				Н	-	\vdash	_	\dashv	\dashv	\dashv	\vdash
33 34 35 36 35 36 37 38 37 38 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 <td< td=""><td></td><td></td><td>Н</td><td>\dashv</td><td></td><td></td><td>\vdash</td><td>Н</td><td>\vdash</td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td>Н</td><td></td><td>-</td><td>-+</td><td>-+</td><td>-</td><td></td><td></td><td>_</td><td>┝╌╢</td><td></td><td></td><td>-</td><td>\dashv</td><td>\dashv</td><td>-</td><td>\vdash</td></td<>			Н	\dashv			\vdash	Н	\vdash					-	-	Н		-	-+	-+	-			_	┝╌╢			-	\dashv	\dashv	-	\vdash
34		-	Н	\dashv		-	\vdash		Н				-		├─	\vdash	\dashv	-+	-		-	-		_			-	-		\dashv	-	_
35 36 37 38 37 38 39 38 39 38 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 <td< td=""><td></td><td>-</td><td>\vdash</td><td>\dashv</td><td>-</td><td>-</td><td>┢</td><td>Н</td><td></td><td>ᅱ</td><td></td><td></td><td>-</td><td>_</td><td>-</td><td>Н</td><td>-</td><td>┪</td><td>-</td><td>-</td><td>-</td><td></td><td></td><td></td><td>Н</td><td></td><td>$\overline{}$</td><td>-</td><td></td><td>\dashv</td><td>-</td><td>_</td></td<>		-	\vdash	\dashv	-	-	┢	Н		ᅱ			-	_	-	Н	-	┪	-	-	-				Н		$\overline{}$	-		\dashv	-	_
36 37 38 37 38 39 38 39 38 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 <td< td=""><td></td><td>H</td><td>\vdash</td><td></td><td>\dashv</td><td><u> </u></td><td>\vdash</td><td>Н</td><td>$\vdash \vdash$</td><td>\dashv</td><td>-</td><td></td><td>H</td><td></td><td>Η-</td><td>╂╌┤</td><td></td><td>-+</td><td>\dashv</td><td>-</td><td>\dashv</td><td></td><td></td><td></td><td>H</td><td>\exists</td><td>\vdash</td><td>-</td><td></td><td>-</td><td>-</td><td>_</td></td<>		H	\vdash		\dashv	<u> </u>	\vdash	Н	$\vdash \vdash$	\dashv	-		H		Η-	╂╌┤		-+	\dashv	-	\dashv				H	\exists	\vdash	-		-	-	_
37 88 137 138 138 138 139 139 139 139 139 140 140 140 140 140 140 141 141 141 141 141 141 141 142 142 143 143 143 144 144 144 144 144 145 145 146 146 147 147 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148		_	\vdash	\dashv	\vdash	-	\vdash	H	$\vdash \vdash$	\dashv	-		Н		\vdash	\vdash	\dashv	\dashv	\dashv	+	\dashv			_			\vdash	-	\vdash	\dashv	\dashv	\vdash
38 88 138 39 90 139 40 90 140 41 91 141 42 92 142 43 93 144 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148			$\vdash \vdash$	\dashv	-	-	\vdash	Н	\vdash		-		\vdash	\vdash	\vdash	\vdash		-+	-	-+-	\dashv	-		_	-	\dashv		_		\dashv	\dashv	
39 89 139 40 90 140 41 91 141 92 142 93 143 94 144 95 144 96 145 97 146 98 148			\vdash		-	\vdash	-	$\vdash \vdash$	\vdash	\dashv	\vdash		H	\vdash	\vdash	\vdash		-+	-+	+	\dashv	-			-	-	-	\dashv	\vdash	\dashv	\dashv	\vdash
40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148		-	\vdash	\dashv	\dashv	\vdash		Н	\vdash	\dashv	—		H	-	H	\vdash	-	-+	\dashv	\dashv	\dashv	\vdash			\vdash	\neg	\dashv	\dashv	\dashv	\dashv	\dashv	\vdash
41 91 141 142 142 142 142 143 143 143 143 144 144 144 144 144 144 145 145 146 146 146 147 147 147 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148 148		_	\vdash	\dashv	-1	\vdash	\vdash	\vdash	$\vdash \dashv$	\dashv	-	90	\vdash	-	-	\vdash	\dashv	\dashv	\dashv	\dashv	\dashv		140		 		\vdash		-	\dashv	\dashv	
42 92 43 93 44 94 45 95 46 96 47 97 48 98	41		$\vdash \vdash$	-		\vdash	\vdash		$\vdash \vdash$	\dashv	 -	91	\vdash	Н	H	\vdash	\dashv	+	-+	+	\dashv		141	\vdash	\vdash	-1	\dashv	\dashv	\dashv	\dashv	\dashv	\vdash
43 93 44 94 45 95 46 96 47 97 48 98		_	$\vdash \vdash$	\dashv	\dashv	Н	\vdash	\vdash	\vdash	\dashv	-		Н	H	-	$\vdash \vdash$	-+	\dashv	\dashv	+	\dashv		142	-	\vdash		-			\dashv	\dashv	
44 94 45 95 46 96 47 97 48 98	13	-	H		\dashv		-	\vdash	\dashv	\dashv	<u> </u>	93	Н	\vdash	\vdash	\vdash	\dashv	+	\dashv	+	-			\vdash	\vdash	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\vdash
45 95 46 96 47 97 48 98		_	$\vdash \dashv$		\dashv	\vdash	-	\vdash	\vdash	\dashv	-		\vdash		H	$\vdash \vdash$	-+	\dashv	-+		\dashv	—		-	$\vdash \vdash$		-	-	\dashv	-	\dashv	\vdash
46 96 47 97 48 98			$\vdash \vdash$		\dashv	\vdash	\vdash	Н	-	\dashv	-	95	Н	\vdash	\vdash	┝╾┥	\dashv	\dashv	\dashv	\dashv	-	-			H	\dashv	-				\dashv	\vdash
47		-	H	\dashv	-	\dashv	\vdash	\vdash	\vdash	\dashv	-		\vdash	Н		\vdash	\dashv	+	-+	+	+	-			\vdash	\dashv	-			-		_
48 98 148 148		_	\dashv			\vdash	\vdash	\vdash	\vdash	\dashv			\vdash	\vdash		$\vdash \vdash$	-	\dashv	\dashv	-	┪		147	-	\vdash		-	\dashv	\dashv	\dashv	\dashv	
		_	\vdash	\dashv	-		\vdash	\vdash	\vdash	\dashv			Н	\vdash	\vdash	\vdash	\dashv	-+	\dashv	+	┪		148		\vdash	-	-	\dashv	\dashv	\dashv	\dashv	
. 1491	49	_	├─┤		-	\dashv	-	$\vdash \dashv$	\vdash	\dashv		99	\vdash	\vdash	\vdash	$\vdash \vdash$	\dashv	+	-+	-	┪		149		H	\dashv	\neg	ᅥ	ᅥ	\dashv	\neg	\Box
50 100 150	50	_	$\vdash \vdash$	-+	\dashv	Н	\vdash	┝╌┤	\vdash	\dashv	-	100	\vdash			$\vdash \vdash$	\dashv	+	\dashv		\dashv		150		\vdash	-		-	\dashv	\dashv	\dashv	\sqcap